

What is claimed is:

1. A mobile communication device, comprising:  
a housing; and  
5 a keypad assembly disposed in the housing, the keypad assembly having at least a first arrangement of keys and a second arrangement of keys,  
wherein the keypad assembly rotates for alternately presenting one of the first arrangement of keys and the second arrangement of keys to a user of the mobile communication device for keying information into the mobile  
10 communication device.
2. The mobile communication device as claimed in claim 1, wherein the keypad assembly comprises a key face on which the first arrangement of keys and second arrangement of keys are disposed and the keypad assembly rotates about an  
15 axis generally perpendicular to the key face.
3. The mobile communication device as claimed in claim 2, wherein the keypad assembly includes at least a first keypad for providing the first arrangement of keys and a second keypad for providing the second arrangement of keys.  
20
4. The mobile communication device as claimed in claim 3, wherein the keypad assembly rotates so that one of the first keypad and the second keypad is rotated to a first position accessible by the user while the other of the first keypad and the second keypad is rotated to a second position at least substantially inaccessible by  
25 the user for keying information into the mobile communication device.
5. The mobile communication device as claimed in claim 4, wherein the housing further comprises a display face having a display, the first position being in the keypad face 410 and the second position being within the housing beneath the  
30 display face.

6. The mobile communication device as claimed in claim 2, wherein the keypad assembly is generally disk shaped.

7. The mobile communication device as claimed in claim 6, wherein the housing comprises a side surface and the keypad assembly comprises an edge protruding from the side surface, the keypad assembly being rotated by scrolling the edge.

8. The mobile communication device as claimed in claim 6, wherein the housing comprises a side surface having a thumb wheel for engaging the keypad assembly to rotate the keypad assembly.

9. The mobile communication device as claimed in claim 1, further comprising a motor assembly for rotating the keypad assembly.

15

10. The mobile communication device as claimed in claim 1, wherein the keypad assembly comprises a key face on which the first and second arrangements of keys are disposed and the keypad assembly rotates about an axis generally parallel to the key face.

20

11. The mobile communication device as claimed in claim 10, wherein the keypad assembly comprises a spindle and the first arrangement of keys and the second arrangement of keys comprise rows of keys disposed along the spindle.

12. The mobile communication device as claimed in claim 1, wherein the keypad assembly is removable from the housing.

13. A mobile communication device, comprising:  
a housing having a keypad face;

a keypad assembly disposed in the housing, the keypad assembly including at least a first keypad providing a first arrangement of keys and a second keypad providing a second arrangement of keys for keying information into the mobile communication device,

5 wherein the keypad assembly rotates about an axis generally perpendicular to the keypad face for presenting one of the first keypad and the second keypad to a user of the mobile communication device for keying information into the mobile communication device.

10 14. The mobile communication device as claimed in claim 13, wherein the keypad assembly rotates so that one of the first keypad and the second keypad is rotated to a first position accessible by the user while the other of the first keypad and the second keypad is rotated to a second position at least substantially inaccessible by the user for keying information into the mobile communication device.

15

15. The mobile communication device as claimed in claim 14, wherein the first position is within the keypad face.

20 16. The mobile communication device as claimed in claim 14, wherein the housing further comprises a display face having a display, the second position being within the housing beneath the display face.

25 17. The mobile communication device as claimed in claim 13, wherein the keypad assembly is generally disk shaped.

25

18. The mobile communication device as claimed in claim 17, wherein the housing comprises a side surface and the keypad assembly comprises an edge protruding from the side surface, the keypad assembly being rotated by scrolling the edge.

30

19. The mobile communication device as claimed in claim 17, wherein the housing comprises a side surface having a thumb wheel for engaging the keypad assembly for rotating the keypad assembly.

5 20. The mobile communication device as claimed in claim 17, further comprising a motor assembly for rotating the keypad assembly.

21. A mobile communication device, comprising:  
a housing having a keypad face;  
10 a keypad assembly disposed in the housing, the keypad assembly including at least a first arrangement of keys and a second arrangement of keys for keying information into the mobile communication device,  
wherein the keypad assembly rotates about an axis generally parallel to the keypad face for presenting one of the first arrangement of keys and the second  
15 arrangement of keys to a user of the mobile communication device for keying information into the mobile communication device.

22. The mobile communication device as claimed in claim 21, wherein the keypad assembly comprises a spindle and the first arrangement of keys and the second  
20 arrangement of keys comprise rows of keys disposed along the spindle.

23. A mobile communication device, comprising:  
a housing; and  
a keypad assembly disposed in the housing, the keypad assembly including an  
25 arrangement of keys,  
wherein the keypad assembly rotates within the housing so that the arrangement of keys is rotated between a first position accessible by the user for keying information into the mobile communication device and a second position at least substantially inaccessible by the user for keying information into the  
30 mobile communication device.

24. The mobile communication device as claimed in claim 23, wherein the housing comprises a keypad face and the keypad assembly rotates about an axis generally perpendicular to the keypad face.
- 5            25. The mobile communication device as claimed in claim 23, wherein the housing further comprises a display face having a display, the first position being within the keypad face and the second position being within the housing beneath the display face.
- 10           26. The mobile communication device as claimed in claim 23, wherein the housing comprises a keypad face and the keypad assembly rotates about an axis generally parallel to the keypad face.
- 15           27. The mobile communication device as claimed in claim 23, wherein the keypad assembly is removable from the housing.
28. A mobile communication device, comprising:  
a housing;  
a keypad assembly including a first arrangement of keys for keying information into  
20           the mobile communication device and a second arrangement of keys for  
keying information into the mobile communication device; and  
means, disposed in the housing, for rotating the keypad assembly,  
wherein one of the first arrangement of keys and the second arrangement of keys is  
rotated to a first position accessible by the user while the other of the first  
25           arrangement of keys and the second arrangement of keys is rotated to a second  
position at least substantially inaccessible by the user for keying information  
into the mobile communication device.